

PACKAGING MATERIAL FOR SEAFOOD CANNING

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Canning is one of the extensive and well-known methods of food preservation and processing. Despite this industry applied for a long time, it has been developed with novel materials, designs and technology. Quality of canned products; depending on packaging conditions directly. Therefore packaging material is one of the main issues in canning process. Because of canning process include thermal treatment and an inner food contact directly the surface of package materials, food which in container become more affected than other processing methods. Fish canning is an important part of in canning industry all around the world. Seafoods are highly perishable products, and canning process lead to some physical chemical and nutritional deterioration throughout chain which from producer to consumer. In this study, packaging materials features compare with each other as review, which are used in fish canning industry. Tin can and glass jar are oldest using matter in canning research. But these materials cause some problem for producer and consumer during process line and storage. The reportable pouch is an alternative packaging material that can withstand thermal processing temperatures and combines the advantages of the tin can and glass jar. Assessment of metal cans, glass jar and reportable pouch; darkening and nutritional losses, oxidation and insufficient thermal conductivity and high cost and more easily influenced by external factor, respectively. Despite these disadvantages, these materials provide some facility and opportunity for canning industry. The present review aimed at, comparing advantages and disadvantages of three materials for using fish canning.

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